

FIG.1

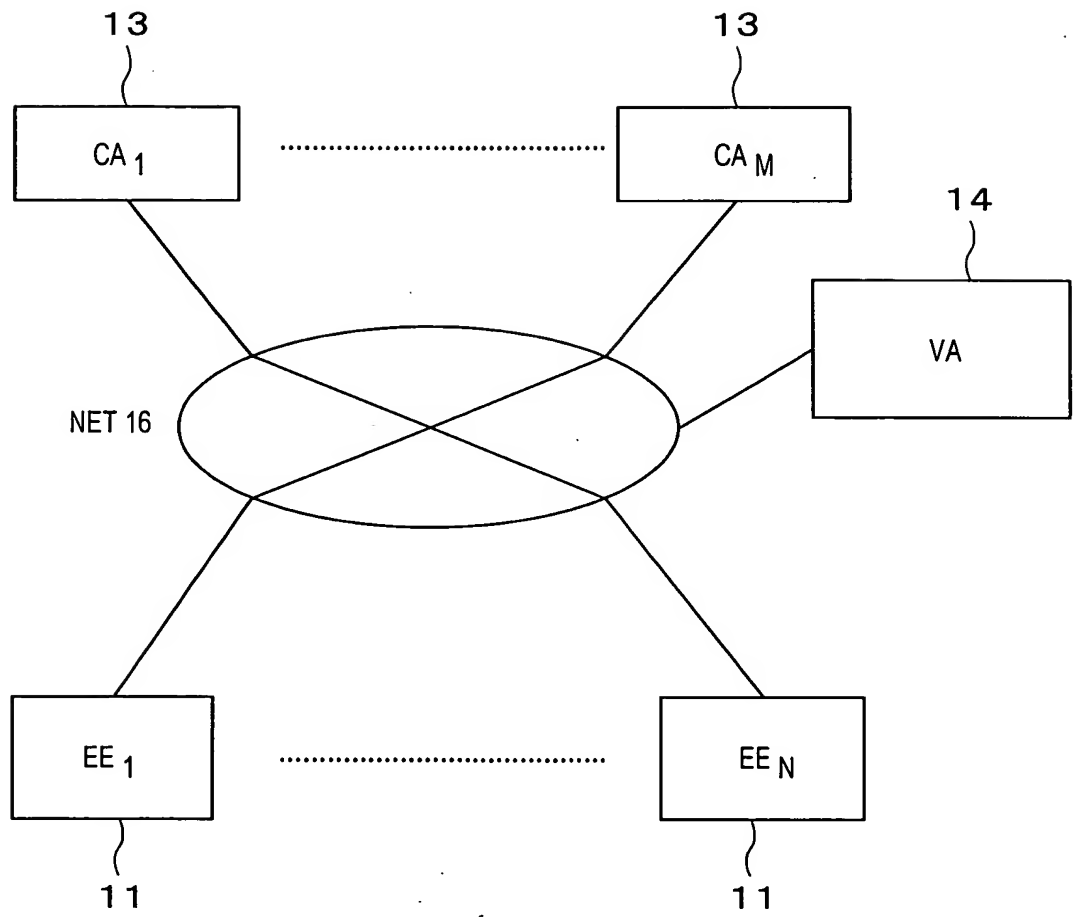


FIG.2

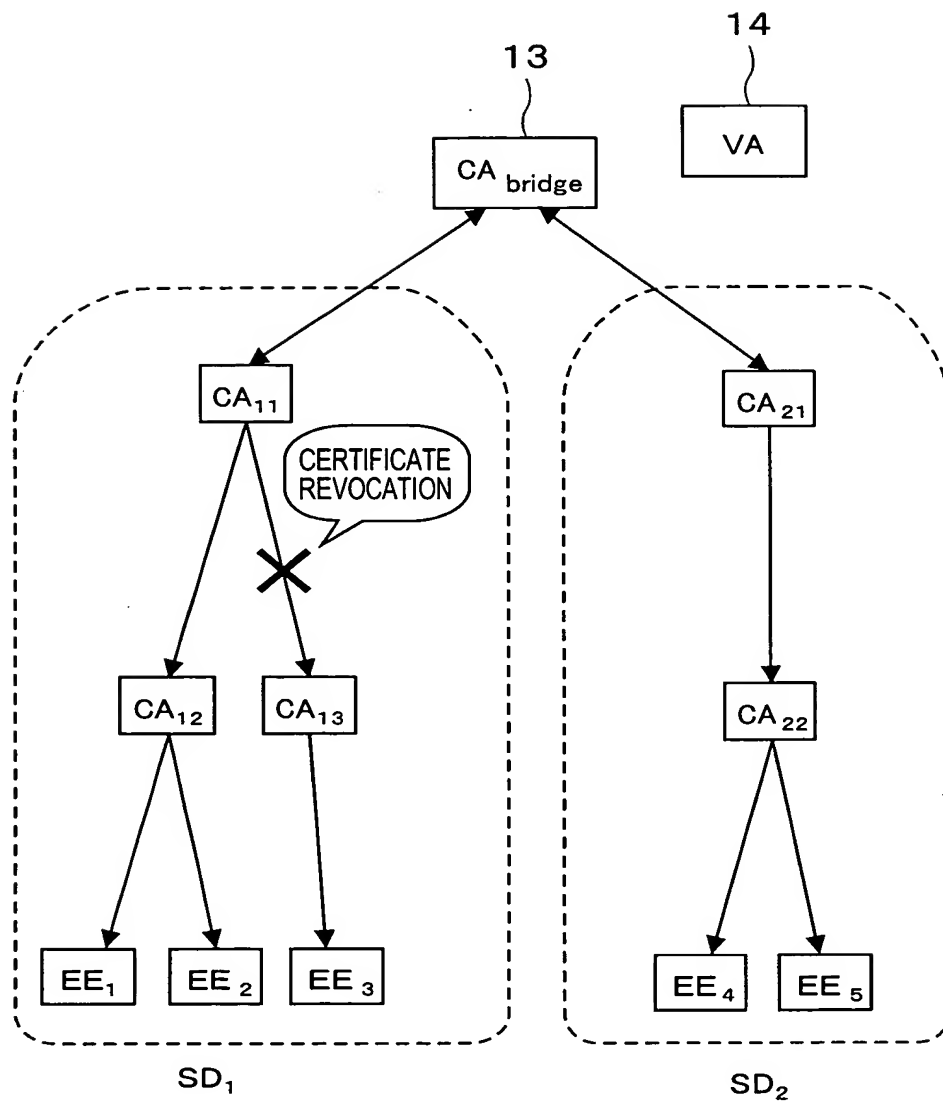


FIG.3

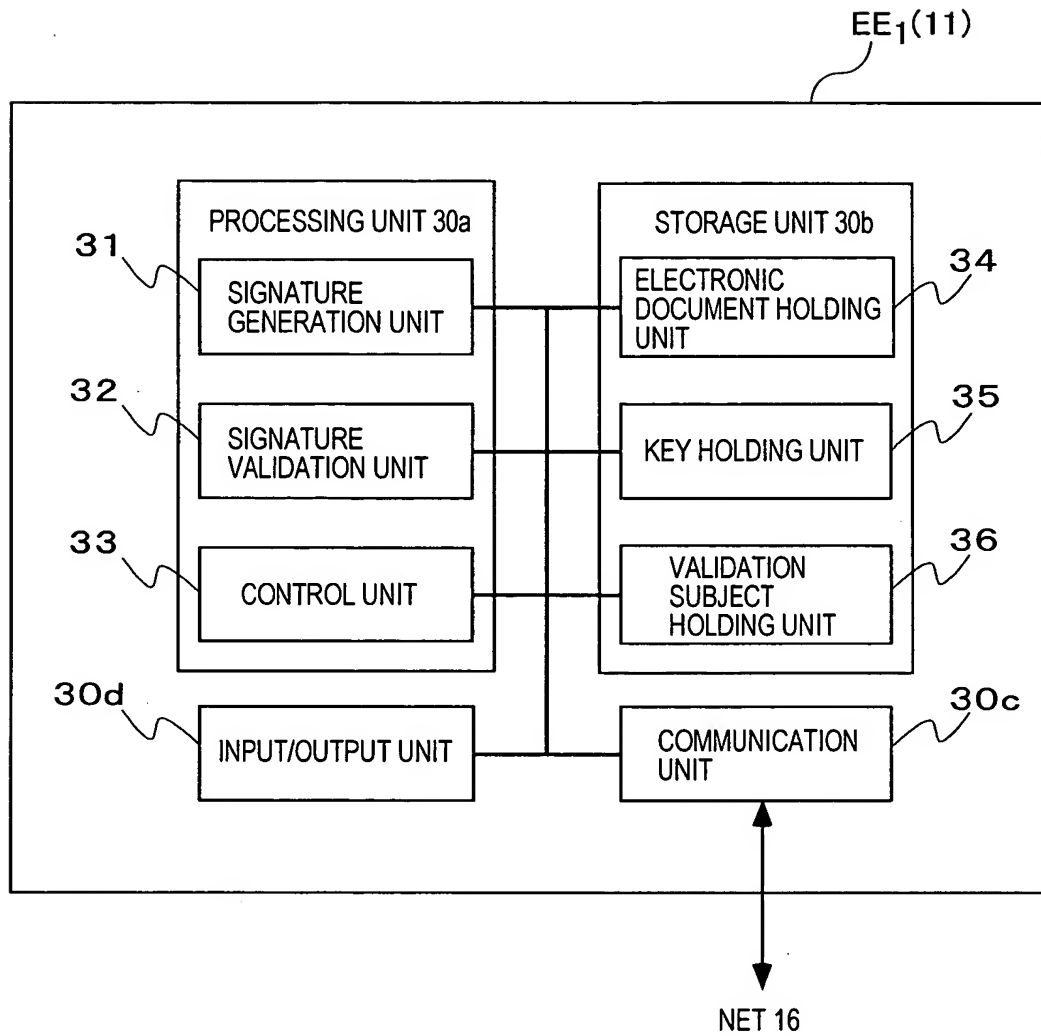


FIG.4

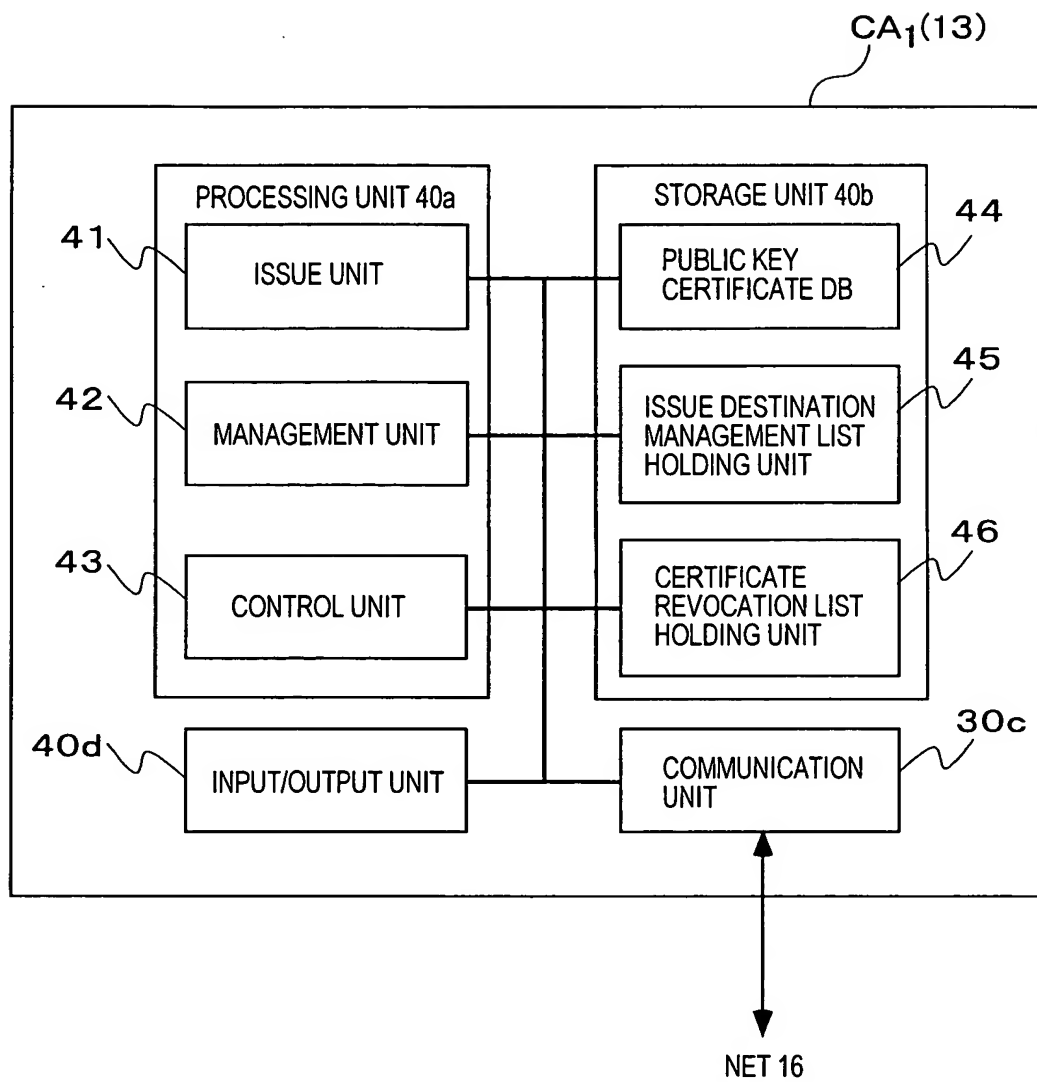


FIG.5

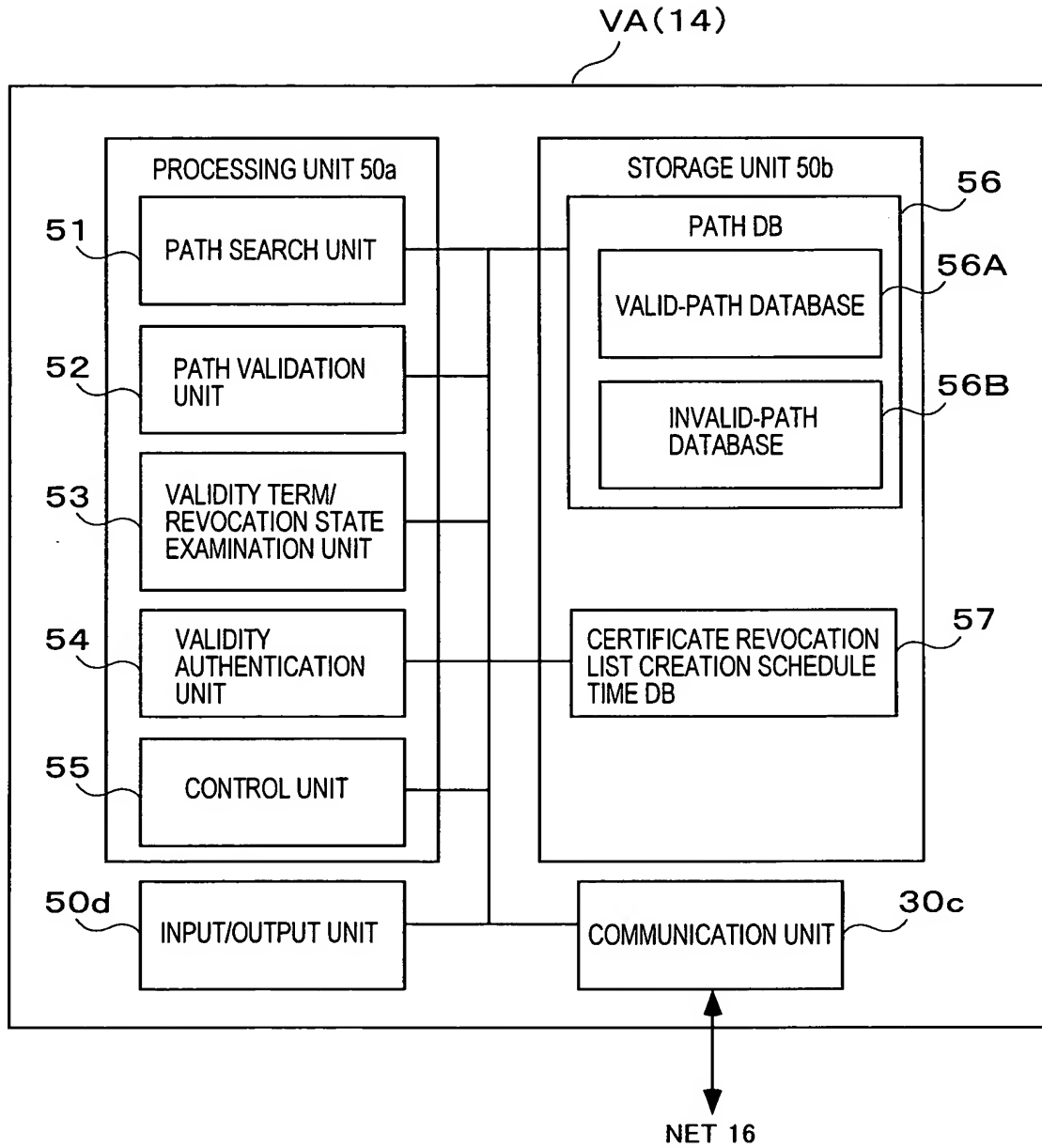


FIG.6

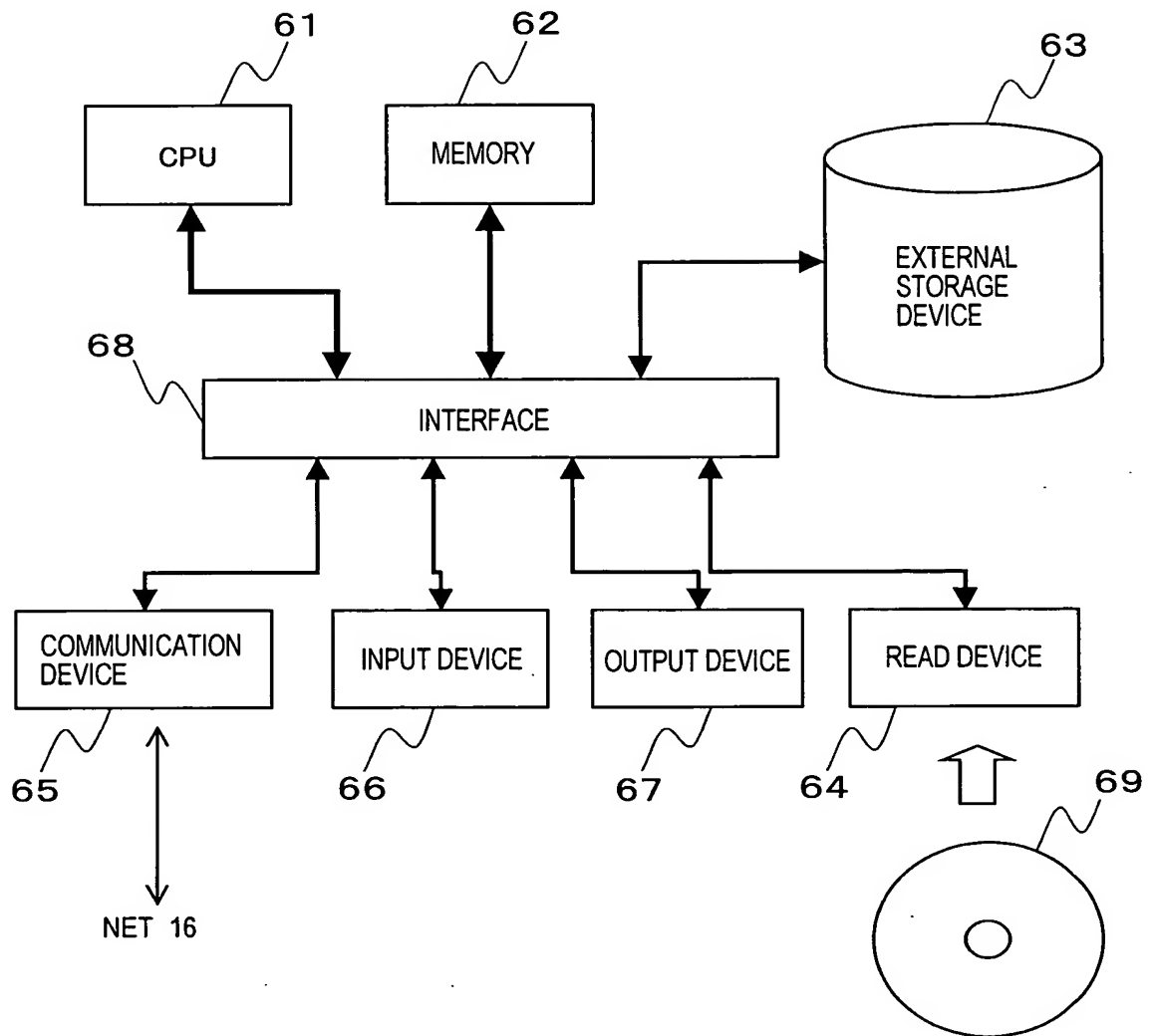


FIG.7

OPERATION OF SEARCHING FOR, VALIDATING AND MANAGING PATHS

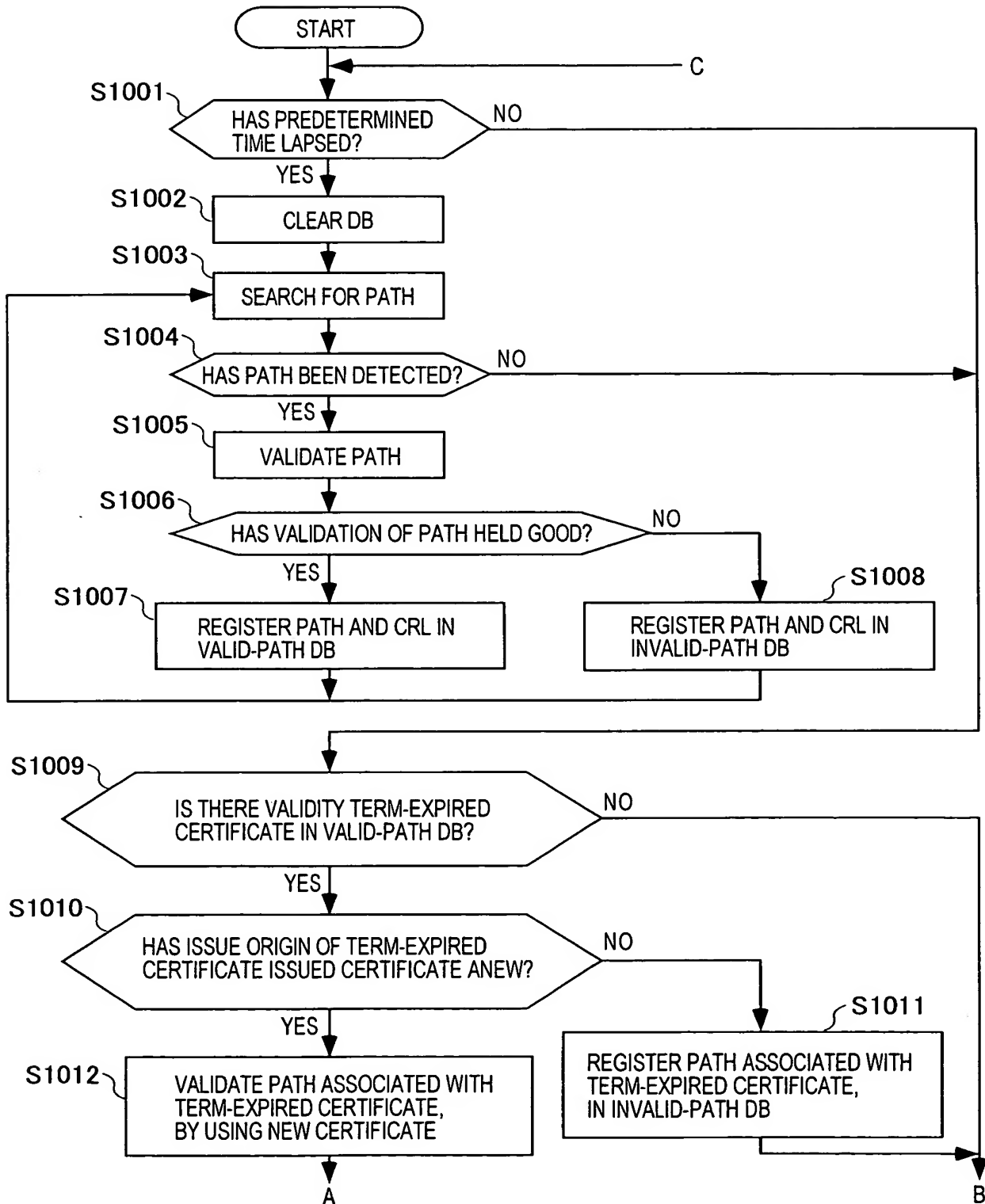


FIG.8

OPERATION OF SEARCHING FOR, VALIDATING AND MANAGING PATHS

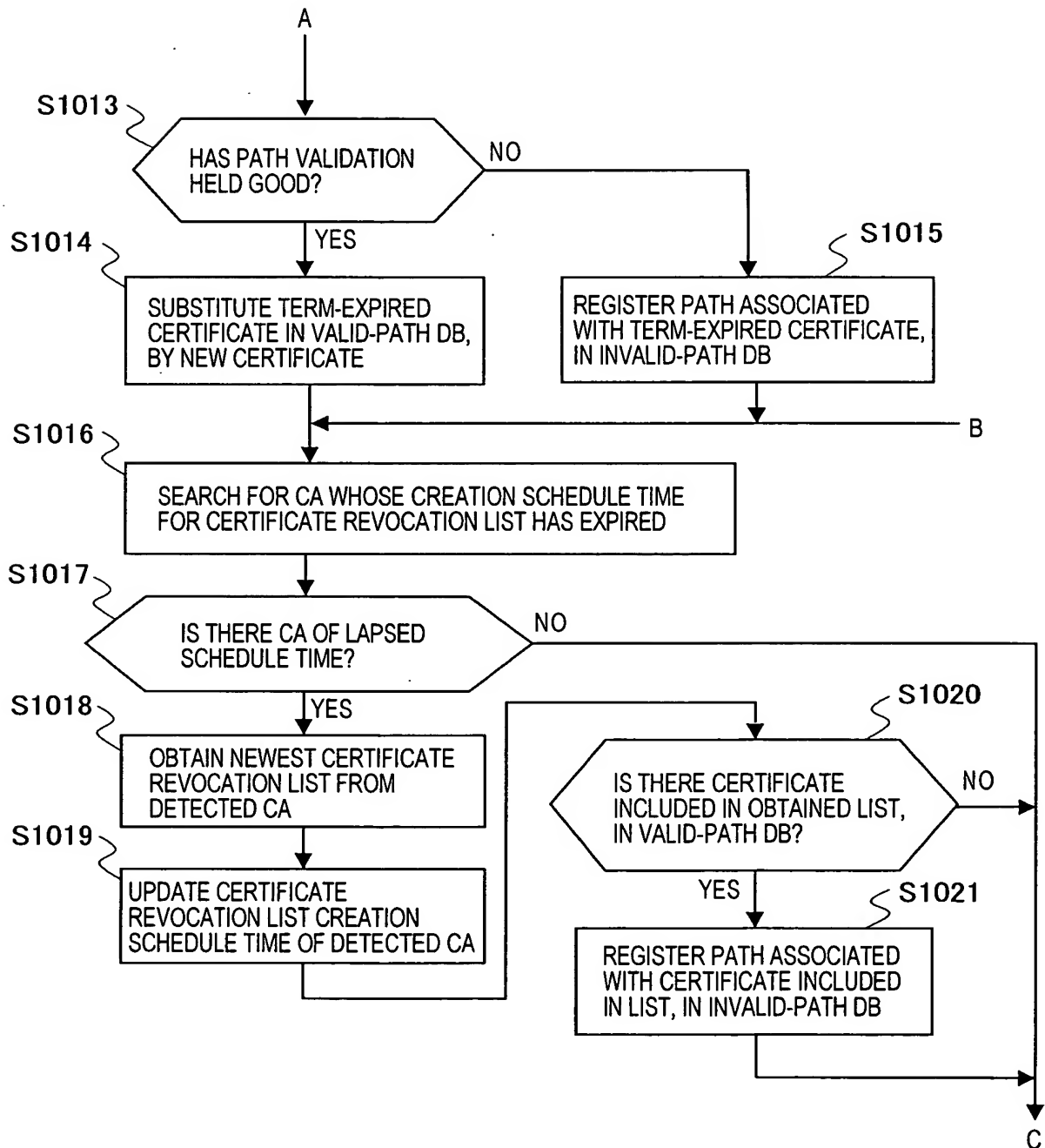


FIG.9

PATH SEARCH RESULT (IN CASE OF FIG. 2)

VALID PATH			
TRUST ANCHOR CA	EE CERTIFICATE ISSUING CA	PATH	CRL
CA ₁₁	CA ₁₂	CA ₁₁ - CA ₁₂	VALID
	CA ₂₂	CA ₁₁ -CAbridge-CA ₂₁ -CA ₂₂	VALID
CA ₂₁	CA ₁₂	CA ₂₁ -CAbridge-CA ₁₁ -CA ₁₂	VALID
	CA ₁₂	CA ₂₁ - CA ₂₂	VALID
CAbridge	CA ₂₂	CAbridge-CA ₁₁ -CA ₁₂	VALID
	CA ₁₂	CAbridge-CA ₂₁ -CA ₂₂	VALID

INVALID PATH			
TRUST ANCHOR CA	EE CERTIFICATE ISSUING CA	PATH	CRL
CA ₁₁	CA ₁₃	CA ₁₁ - CA ₁₂	INVALID
CA ₂₁	CA ₁₂	CA ₂₁ -CAbridge-CA ₁₁ -CA ₁₂	INVALID
CAbridge	CA ₁₂	CAbridge-CA ₁₁ -CA ₁₂	INVALID

FIG.10

OPERATION OF AUTHENTICATING VALIDITY OF PUBLIC KEY CERTIFICATE

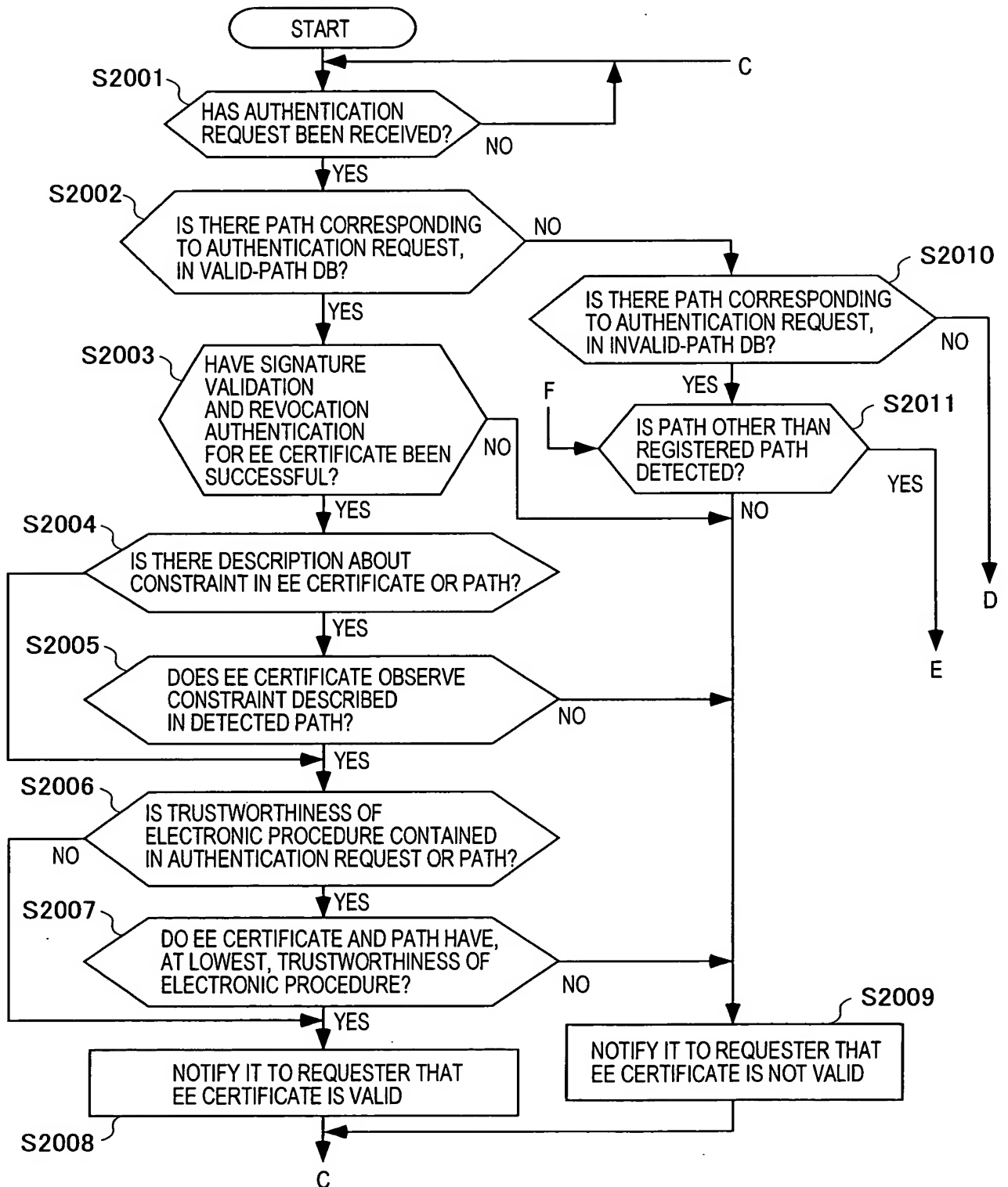


FIG.11

OPERATION OF AUTHENTICATING VALIDITY OF PUBLIC KEY CERTIFICATE

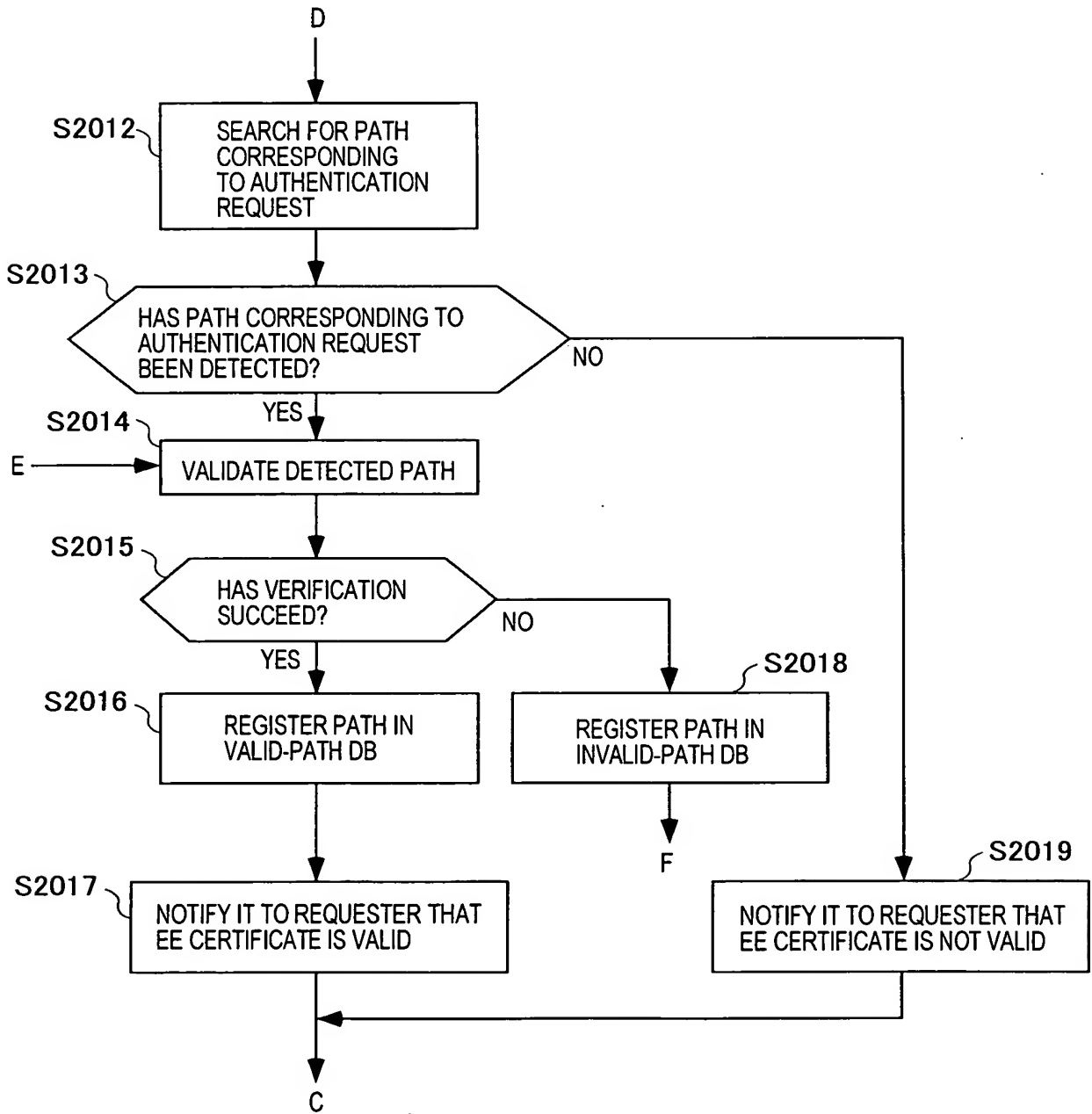


FIG.12

